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Amendments to the Claims

Kindly amend claims 1, 2 and 14 as follows:

1 (currently amended). A method for forming a stabilized airlaid layer, comprising:  
an airforming of a substantially unbonded fibrous layer, which is substantially free of active inter-fiber bonds, said fibrous layer including absorbent fibers and binder-fibers;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec; and  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide said stabilized, airlaid layer.

2 (currently amended). A method for forming a stabilized airlaid layer, comprising:  
an airforming of a substantially unbonded fibrous layer, which is substantially free of active inter-fiber bonds, said fibrous layer including substantially unbonded absorbent fibers and substantially unbonded binder-fibers which are substantially unbonded to one another;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec; and  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide a stabilized, airlaid layer.

3 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds, and said fibrous layer formed with a cross-directional width that substantially corresponds to a single-article dimension;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide a stabilized, airlaid layer.

4 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;

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an exposing of said fibrous layer to high-frequency electromagnetic energy in a tuned activation chamber during an activation period of not more than a maximum of about 3 sec to thereby activate said binder-fibers to provide a stabilized, airlaid layer, said activation chamber operatively tuned to provide a reflected power value of not more than a maximum of about 50%.

5 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy in a tuned activation chamber to activate said binder-fibers and thereby provide a stabilized, airlaid layer, said activation chamber operatively tuned to provide a Q-factor of at least a minimum of about 200.

6 (original). A method as recited in claim 5, wherein said exposing of said fibrous layer to high-frequency electromagnetic energy is configured to occur over an activation period of not more than a maximum of about 3 sec.

7 (original). A method as recited in claim 5, wherein said exposing of said fibrous layer to high-frequency electromagnetic energy is configured to provide a reflected power of not more than about 50 %.

8 (original). A method as recited in claim 5, further including a configuring of said binder-fibers to have a dielectric loss factor which is greater than a dielectric loss factor of said absorbent fibers.

9 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers substantially free of active inter-fiber bonds, and said fibrous layer formed with a non-constant, contoured basis weight;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said binder-fibers to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to provide a stabilized, airlaid layer.

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10 (original). A method for forming a stabilized airlaid layer, comprising:  
a providing of absorbent fibers with a fiberizer;  
a directing of said absorbent fibers into a forming chamber;  
an introducing of binder-fibers into said forming chamber by directing said binder-fibers into said forming chamber at a binder-fiber inlet location that is closely adjacent said fiberizer;  
an airforming of a fibrous layer which includes a mixture of said absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to thereby activate said binder-fibers to provide said stabilized, airlaid layer.

11 (original). A method as recited in claim 10, wherein said introducing of binder-fibers into said forming chamber includes a directing of binder-fibers into said fiberizer.

12 (original). A method as recited in claim 10, further including a directing of superabsorbent material into said forming chamber to mix with said absorbent fibers and binder-fibers.

13 (original). A method as recited in claim 10, wherein said binder-fibers have been configured to have a dielectric loss factor of at least about 0.05.

14 (currently amended). A method for forming a stabilized airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds, said binder-fibers having a fiber length of at least a minimum of about 6 mm;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec; and  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide said stabilized, airlaid layer.

15 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers;

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a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide a stabilized, airlaid layer;  
a presenting of said stabilized layer at a setting temperature of not more than about 200 °C which is provided within a period of not more than about 3 sec after an ending of said exposing of the fibrous layer to high-frequency electromagnetic energy;  
a debulking of said stabilized layer to increase a density thereof, said debulking occurring at a temperature that is not higher than said setting temperature.

16 (original). A method for forming an airlaid layer, comprising:

an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds said fibrous layer having an average density of not more than a maximum of about 0.1 g/cm<sup>3</sup>, and an average basis weight of at least about 100 g/m<sup>2</sup>;  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers and provide a stabilized, airlaid layer, said electromagnetic energy having a frequency of at least about 0.3 MHz;  
a debulking of said stabilized layer to provide a debulked, stabilized layer having a relatively greater average density.

17 (original). A method for forming an airlaid layer, comprising:

a providing of absorbent fibers from a fiberizer into a forming chamber;  
an introducing of a metered amount of binder-fibers into said forming chamber by directing said binder-fibers into said forming chamber at a binder-fiber inlet location that is closely adjacent said fiberizer;  
an airforming of an fibrous layer within said forming chamber, said fibrous layer including a mixture of said absorbent fibers and said binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds;  
a scarfing of said fibrous layer to provide  
an average fibrous layer density of not more than a maximum of about 0.1 g/cm<sup>3</sup>, and  
a fibrous layer, basis weight of at least about 100 g/m<sup>2</sup>;

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a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy during an activation period of not more than a maximum of about 3 sec to thereby activate said binder-fibers and provide a stabilized, airlaid layer, said electromagnetic energy having a frequency of at least about 0.3 MHz;  
a debulking of said stabilized layer to provide a debulked, stabilized layer having a relatively greater average density.

18 (original). A method for forming an airlaid layer, comprising:  
an airforming of a fibrous layer which includes absorbent fibers and binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds;  
a moving of said fibrous layer at a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy in a tuned activation chamber during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide a stabilized, airlaid layer, said electromagnetic energy having a frequency of at least about 0.3 MHz;  
a tuning of said activation chamber to provide a Q-factor of at least about 200 when activating said binder-fibers, said tuning employing a variable geometry activation chamber:

19 (original). A method for forming an airlaid layer, comprising:  
a providing of absorbent fibers with a fiberizer;  
a directing of said absorbent fibers into a forming chamber;  
an introducing of a metered amount of binder-fibers into said forming chamber by directing said binder-fibers into said forming chamber at an binder-fiber inlet location that is closely adjacent said fiberizer, said metered amount of binder-fibers arranged to provide not more than about 30 wt% of said stabilized airlaid layer;  
an airforming of a fibrous layer within said forming chamber, said fibrous layer including a mixture of said absorbent fibers and said binder-fibers, said absorbent fibers and binder-fibers arranged substantially free of active inter-fiber bonds, and said fibrous layer formed with a cross-directional width that substantially corresponds to a selected single-article dimension;  
a scarfing of said fibrous layer to provide at least a portion of said fibrous layer with a basis weight of at least about 100 g/m<sup>2</sup>;

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a moving of said fibrous layer to provide a fibrous layer speed of at least a minimum of about 0.5 m/sec;  
an exposing of said fibrous layer to high-frequency electromagnetic energy within a tuned activation chamber during an activation period of not more than a maximum of about 3 sec to activate said binder-fibers to provide a stabilized, airlaid layer, said electromagnetic energy having a frequency of at least about 0.3 MHz;  
a tuning of said activation chamber to provide a Q-factor of at least about 200 when activating said binder-fibers, said tuning employing a variable geometry activation chamber and a variable impedance; and  
a debulking of said stabilized layer to provide a debulked, stabilized layer having an average density of at least a minimum of about 0.05 g/cm<sup>3</sup>.

20 (original). A method as recited in claim 19, further including a tuning of said activation chamber to provide a reflected power of not more than about 50 %.

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